

What is claimed is:
Claims

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- 1 Method for equalizing temperature differences in molten glass in at least one temperature equalization zone in the form of a channel (1) intended to transport a glass melt, said zone being located upstream from a tap-off point (2) at which the glass is tapped into a mould in a forming machine or the like, characterized in that resistor heating elements (16-19; 18, 19; 24-29) are provided in the temperature equalization zone walls (12, 13), bottom (14) and roof (15), and in that the temperatures of the surfaces of the respective walls, bottom and roof contacted by the resistor heating elements are caused to be measured, and in that the said resistor heating elements are caused to be controlled by an electric controller (31-34) so that the temperatures of said surfaces are caused to be equal to or largely equal to a predetermined tapping temperature of the glass melt.
2. Method in accordance with claim 1, characterized in that the resistor heating elements (16-19; 18, 19; 24-29) are spaced at regular intervals along the temperature equalization zone.
3. Method in accordance with claim 1 or 2, characterized in that the temperatures of the surfaces of the respective walls (12, 13), bottom (14) and roof (15) that are in contact with the resistor heating elements (16-19; 18, 19; 24-29) are caused to be measured as the temperatures of the respective resistor heating elements.
4. Method as in claim 1, 2 or 3 characterized in that resistor heating elements (16-19) comprise spiral elements mounted in ceramic tubes at the outer surface of the ceramic material that comprises said channel.
5. Method in accordance with claim 1, 2 or 3 characterized in that resistor heating elements (18, 19; 24-29) comprise

band-shaped resistor heating elements which are mounted at the outer surface of the ceramic material (3) that comprises said channel (1).

- 5 6. Method in accordance with any of the previous claims characterized in that the temperature equalization zone is caused to have a length corresponding to at least 1-2 times the width of said channel (1).
- 10 7. Equipment for equalizing temperature differences in molten glass in at least one temperature equalization zone in the form of a channel (1) intended to transport a glass melt, said zone being located upstream from a tap-off point (2) at which the glass is tapped into a mould in a forming machine
15 or the like, characterized in that resistor heating elements (16-19; 18, 19; 24-29) are provided in the temperature equalization zone walls (12, 13), bottom (14) and roof (15), and in that thermocouples (20-23) are provided to measure the temperatures at the surfaces of the respective walls (12,
20 13), bottom (14) and roof (15) that are in contact with said resistor heating elements and in that an electric controller (31-34) is provided to control said resistor heating elements so that the temperatures of said surfaces are caused to be equal or largely equal to a predetermined tapping temperature
25 of the glass melt.
8. Equipment in accordance with claim 7 characterized in that resistor heating elements (16-19; 18, 19; 24-29) are spaced at regular intervals along the temperature equaliza-
30 tion zone.
9. Equipment in accordance with claim 7 or 8 characterized in that resistor heating elements (16-19) comprise spiral elements which are mounted in ceramic tubes at the outer
35 surface of the ceramic material (3) that comprises said channel (1).

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10. Equipment in accordance with claim 7 or 8 characterized in that resistor heating elements (18, 19; 24-29) comprise band-shaped resistor heating elements mounted at the outer surface of the ceramic
- 5 material (3) that comprises said channel (1).
11. Equipment in accordance with claims 7-10 characterized in that the temperature equalization zone is caused to have a length corresponding to at least 1-2 times the width of said
- 10 channel.